



DBT STAR COLLEGE SCHEME

In the journey of KASC, another milestone of Academic Excellence is the conferment of Star College Scheme by the Department of Biotechnology, Ministry of Science and Technology, Government of India, New Delhi in 2019. The Star College Scheme is a unique landmark programme initiated by DBT with the prime focus to improve the quality of science education at undergraduate level. A facelift to the UG Science Programmes with transdisciplinary approach stamps the spectrum of achievements in science education offered in our College. Five Departments of our college; Biotechnology, Biochemistry, Mathematics, Computer Science and Physics are recognised under the scheme.

OBJECTIVES OF THE DBT STAR COLLEGE SCHEME:

- ✓ To strengthen the academics and Infrastructure of Science Programmes
- ✓ To adopt a standard Curricula and to offer advanced level practical to the students
- ✓ To introduce Multidisciplinary projects at Under Graduate level and to enhance Research Publications by the staff and students
- ✓ To organize Lecture series with academic experts, Academia Industry Interface programmes, Hands-on-Workshops and Faculty Development Programmes
- ✓ To conduct more outreach activities to augment the Social Responsibilities of the students
- ✓ To Organize Industrial and Academic Visits
- ✓ To Conduct Competitions and to facilitate the students to take up Research Projects

IMPACT OF THE PROGRAMME:

- Our College stands unique in our region as it received the DBT Star College Scheme and that has served as a good platform for strengthening the teaching learning process.
- DBT Star College Scheme has facilitated the enrichment of the curricula in offering concrete knowledge to the students. Skill based activities made mandatory to all courses in the curriculum.

- Enhanced instrumental facilities and induction of modern practical experiments in undergraduate curriculum enabled undergraduate students to get trained in modern techniques and in operating advanced equipment
- Increase in availability of chemicals/ consumables and glassware facilitated students to execute practicals individually and benefitted with experiential learning
- The inclusion of Projects at undergraduate level in the curriculum has inculcated inquisitive research attitude among the students
- Interdisciplinary Projects encouraged to motivate students to gain a broader understanding of various disciplinary concepts with multiple perspectives
- Research output from the Star Departments in terms of Publication of Patents and Scientific Papers in reputed Journals has steadily increased
- Smart classrooms are installed and Laboratories are equipped with Advanced Instruments and Softwares
- Math Lab was established with MATLAB Software
- Advancement of knowledge, practical training in innovative teaching and laboratory methods were made possible by arranging guest-lectures, Hands-on Faculty Development workshops, Seminars and Conferences
- Hands-on-Training on Android Application Development, IoT and its applications, Python Programming, PCB Soldering, Workshop on Azolla cultivation, FISICA Lab, Soil Testing have given a very good exposure to the students in choosing their future career
- The DBT Star College Scheme has given a clear focus to the start-ups. One of our students has devised Anti-theft alarm
- Library is backed up with numerous numbers of advanced level titles.
- Career Growth of the students are channelised through Industrial Visits to Indian Institute of Astrophysics, Fluid Control Research Institute (FCRI) Palakad, Pasteur Institute of India, Coonoor
- Many outreach activities have been carried out by the students which have created a greater impact on the society, especially the rural people. Outreach activities like Tribal Welfare Camps helped the people in Kadambur village to understand the values of Education, Nutrition and Hygiene etc.,
- Acquirement of skill sets in scientific techniques from the workshops, training programmes and demonstrations conducted by Scientists of National Institutes, Central

Government Laboratories and Universities led students to pursue their career in such higher Institution

- The Star College Scheme has facilitated an enriched curriculum assisted with concrete knowledge of Science and Technology which has immensely boosted the Scientific temperament of the students
- Implementation of Project in curriculum inculcated the research attitude of the students and also augmented their collaborative spirit, interdisciplinary approach and comprehensive skills
- Research output in terms of Publication of Patents and Scientific Papers in reputed Journals has steadily increased.
- The Grant has enabled the Departments to procure new equipments in multiple numbers as a result of which the students get easy access to handle the instruments individually, thus tuning them to emerge as independent learners
- Additional practicals and demonstrations prompted the students to examine further in practical viewpoint. Students have gained interest in laboratory sessions and more hands-on experiments has improved their confidence level in doing the practicals
- Special lectures organized by the Department assisted the students to understand fresh perspectives and perceptions in the current trend from subject specialists.
- Enhancement of the laboratory resources provided an easy access to the lab instruments. Increase in availability of chemicals/ consumables and glassware benefitted the students to handle new equipments and execute practicals individually.
- Math Club is formed to enhance Mathematical skills of the students. New Math Lab is established and new open-source software – Geogebra is introduced
- Interdisciplinary Projects- helped students from different programmes to work together as a team and reach a deeper understanding of how topics learned in one discipline can be applied to other disciplines. It allowed interactive cross-disciplinary collaboration, enabled students to develop critical thinking skills and further hone their skill sets through real-world applications.
- Academia industry interface Program ensured the industrial relevance of the curriculum and provided platform for the students to get exposed to the expertise of the industry experts and also the best practices being adopted by the industries. It further helped students to discuss the latest and the evolving trends in the industries and enhance their skills and talent as per the latest industrial requirements.

- Workshops with hands-on skills catered to the growing needs of the industries. Students gained experience to explore knowledge regarding Entrepreneurship and their innovative spirit is given an impetus through the Programmes like Mushroom cultivation, Energy Research.
- National level seminars organized by the Star departments facilitated the faculty members and students to comprehend new avenues of Research. This enables the possibility of conceptual perceptions in diverse thrust areas in the current scientific scenario through the exposure to the expertise of eminent Scholars and Resource persons
- Preparation and development of Standard operating procedures (SOP) with detailed lab activities and procedures turn out to be one of the best practices which compliant with various quality standards. This also ensures that lab facilities and equipments are maintained in line with good laboratory practice and validates the integrity of test results and the safety of staff and students.
- Initiation of Department Library has assisted the Staff and Students in enriching their referential knowledge
- Faculty Development programs encouraged faculty members to gain knowledge on the subject areas and assist them to initiate innovative approaches to develop the right pedagogical tools for the teaching - learning process especially during the pandemic.
- Active Participation in Schemes of DBT viz., Science Sethu Programme and Manav –an Human atlas initiative, provided a broad academic as well as research exposure for our students and faculty members
- Students developed their social responsibilities through extension activities and outreach programmes like Tribal Welfare Program, Blood Donation Camps, Skill Development Programmes for Rural Public, Awareness Programmes on Health, Nutrition and Cyber Security etc.,
- Responsible Citizen Awards were awarded to the Staff and Students based on their contribution to the Society at the hour of need all through the year.
- Programmes to Infuse Science Temperament among Orphanage Students and inculcate the importance of Science among Secondary and Higher Secondary Students and to motivate them for their scientific contribution were arranged.
- Training by the Trainees : Training on Azolla and Mushroom cultivation were given for local farmers; IT awareness programme on “Work Smarter with Microsoft Office” for VI to XII standard Orthopedically Handicapped school students was organized in association

with Erode Arima Society Trust ; School students are introduced to YOUTUBE creation and Invitation making; Mathematical Concept Teaching through Creative Math models and Energy Conservation by distributing LED bulbs was organized for School Students.

- “E-Waste Management” activity was carried out jointly by Computer Science and Physics Department to keep our campus and nearby places free from Electronic Waste Pollution
- Health Care Camps such a Covid Testing and Vaccination camps were conducted for College, Staff, Students and Public in association with District Health Centre and Awareness Programme on Breast Cancer and Gynecological concerns in Young Adults” were organised for girl Students and Public. Awareness and Prevention of Dengue Fever was organized for Students of Government Boy’s Higher Secondary School.
- An International Memorandum of Understanding (MoU) was signed with Prince of Songkla University, Surat Thani Campus, Thailand. Through this association, both the Institutions envisage to strengthen the Academic and Research Collaborative activities.
- The Industrial visits by few departments after the Pandemic has fetched them a very
- Good feasible experience to fix their Career goals as per the opportunities available
- Appreciation Award - As a mark of appreciation, a zealous student from each Star Department was honored with **‘STAR STUDENT AWARD’** for their Outstanding Participation in various activities Organized under DBT Star College Scheme during the period 2019-2022.

APPRECIATION RECEIVED

- Honored with Appreciation from **Honourable Union Minister for Health & Family Welfare, Science & Technology, Dr. Harsh Vardhan**, for our participation in the Nationwide **IndiGen (Indian Genome Initiative)** Research Programme, an initiative of CSIR-Institute of Genomics and Integrative Biology (IGIB), Delhi and CSIR-Centre for Cellular and Molecular Biology (CCMB), **Hyderabad** for genome sequencing Project across the country.
- Our students of Biochemistry Department received special appreciation from **Manav- A Human Atlas initiative**, a Scheme of DBT Govt of India for being among the Top scoring students in the Quiz series held during April-May 2020.

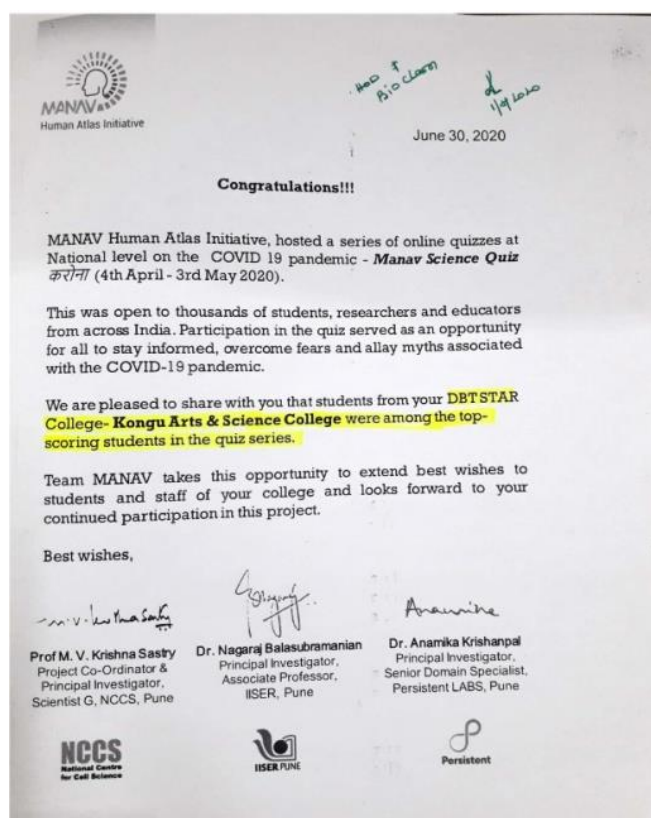
NOVEL ASPECTS INTRODUCED DURING THE SCHEME DURATION:

A. ACADEMIC

- ✓ Induction Programme: The Program facilitated the students with a comprehensive understanding of the distinctive features of DBT Star College Scheme and its effective utilization in all the innovative activities during their Course of study.
- ✓ Academia industry interface Program introduced.
- ✓ Skill based activities made mandatory to all the courses in the curriculum.
- ✓ Inter disciplinary projects given to students to gain a broader understanding of various disciplinary concepts with multiple perspective.
- ✓ Publication of students Projects in Scientific journals.
- ✓ More Interdisciplinary Projects encouraged to motivate the students for multidisciplinary collaborative research and enrich themselves to incorporate topics learned in one discipline can be applied to other disciplines.
- ✓ More Workshops and hands on trainings were conducted to improve their technical skills.
- ✓ Cyber Prodigies Forum – A Forum with Students and Faculty Members to stretch the ideas as well as the skills of students and to expertise them in various IT fields.
- ✓ ThinkFest – Intra Department Competitions - Ensured the energetic participation of the students in various competitive events within the department related to Computer Science.
- ✓ Training by the Alumni – The Alumni placed in various sectors shared their experience to the upcoming juniors who aspire to be placed in IT, BPO and Banking Sectors. That helped the learners identify their unique talents and about their adaptability skills which are necessary for effective teamwork and problem-solving techniques.
- ✓ Updated the practical syllabus with new experiments for UG level and increased a greater number of individual Practicals.
- ✓ Case studies for the First-Year students introduced which helped them to adopt novel ideas and produce hypotheses which can be used for their experiments.

B. OUTREACH

- ✓ Tribal welfare Program launched with the prime objective of providing quality education and overall development of under privileged children and empowering the livelihood of Tribal People in Kadambur Village.
- ✓ School students are introduced to YOUTUBE creation and Invitation making.
- ✓ Easy Calculation via Vedic mathematics.
- ✓ Mathematical Concept Teaching through Creative Math models.
- ✓ **E-Waste Management**” activity carried out to keep our city free from Electronic Waste Pollution and IT awareness programme on **“Work Smarter with Microsoft Office”** for VI to XII standard Orthopedically Handicapped school students was organized in association with Erode Arima Society Trust.



**SPECIAL APPRECIATION FROM MANAV – HUMAN ATLAS INITIATIVE
FOR OUR STUDENTS PERFORMANCE IN MANAV SCIENCE QUIZ SERIES
HELD DURING APRIL – MAY 2020**

SPECIAL APPRECIATION

FROM MANAV –HUMAN ATLAS INITIATIVE FOR OUR FACULTY AND STUDENTS PARTICIPATION IN BETA –TESTING WORKSHOP HELD DURING SEPTEMBER – OCTOBER 2020



MANAV
Human Atlas Initiative

Date: 28/10/20

Dear Sir/Madam,

Greetings from Team MANAV.

'MANAV - The Human Atlas Initiative' is a citizen science project funded by Department of Biotechnology (DBT), Government of India (GoI) and co-funded by Persistent Systems Limited (PSL). It is executed through the National Centre for Cell Sciences (NCCS), Indian Institute of Science Education & Research (IISER), Pune and PSL. It aims to build a macro to micro-level human atlas through curation of available information in scientific literature and public databases.

Our team organized a beta-testing workshop to validate the Manav online platform that is under development phase. For this workshop students and faculty members of select colleges were given exclusive access to MANAV online platform to allow them to support the beta-testing.

Students and faculty members from *Kongu Arts and Science College, Erode, Tamil Nadu* have successfully participated in this workshop held in September-October 2020. We would like to thank you for the participation of your students as 'biocurators' and faculty members as 'Team Owners' of the biocurators.

We take this opportunity to extend best wishes to students and staff of your college and look forward to your continued participation in this project.

Regards,
Team MANAV

 Prof M. V. Krishna Sastry Project Co-Ordinator & Principal Investigator, Scientist B, NCCS, Pune	 Dr. Nagaraj Balasubramanian Principal Investigator, Associate Professor, IISER, Pune	 Dr. Anamika Krishanpal Principal Investigator, Senior Domain Specialist, Persistent LABS, Pune
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NCCS
National Centre
for Cell Science



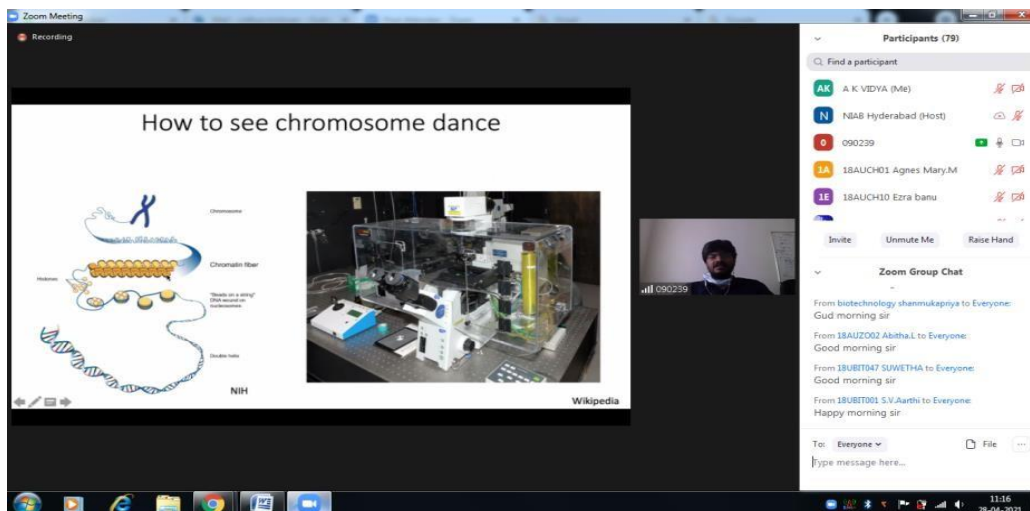
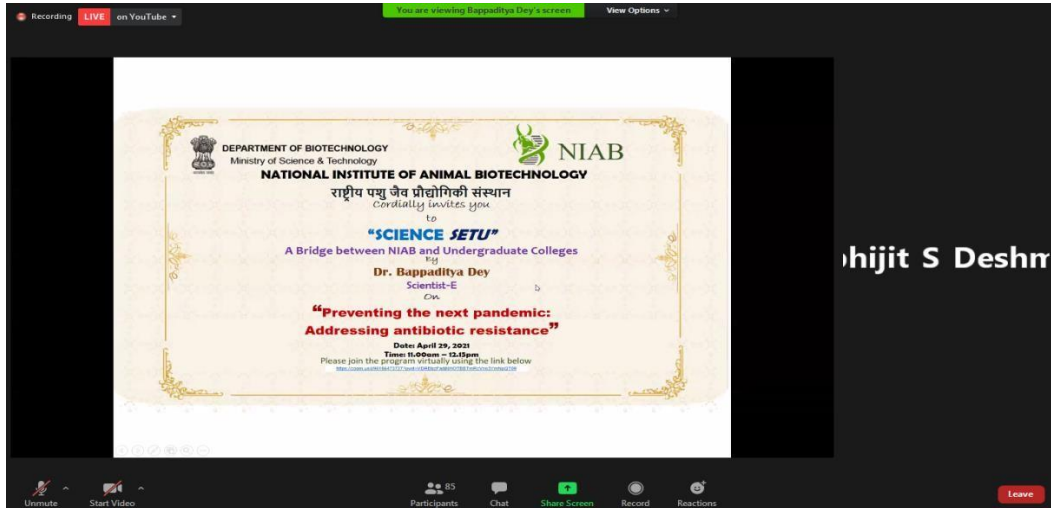
IISER PUNE



Persistent

‘SCIENCESETU’-Scientific lecture Series

MENTOR ORGANISATION: National Institute of Animal Biotechnology, Hyderabad

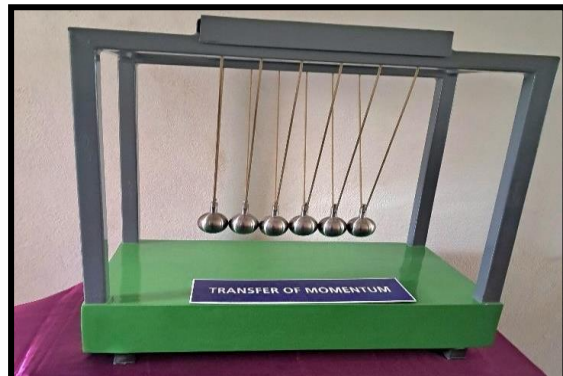


MoU signed

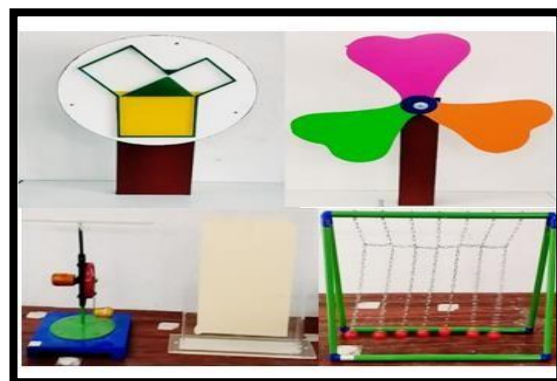
An International Memorandum of Understanding (MoU) was signed with Prince of Songkla University, Surat Thani Campus, Thailand. Through this association, both the Institutions envisage to strengthen the Academic and Research Collaborative activities.



Math Lab is established under DBT Star College Scheme to demonstrate, explain and emphasize mathematical ideas by using concrete objects, Models, Charts, Graphs, Pictures, Posters etc. The Laboratory provides opportunity to exhibit the relatedness of Mathematical concepts with everyday life and helps the students to build interest and confidence in learning the subject. It thus provides scope for greater involvement and active participation of students in understanding Mathematics and in becoming autonomous learners.



ACADEMIA-INDUSTRY INTERFACE PROGRAM



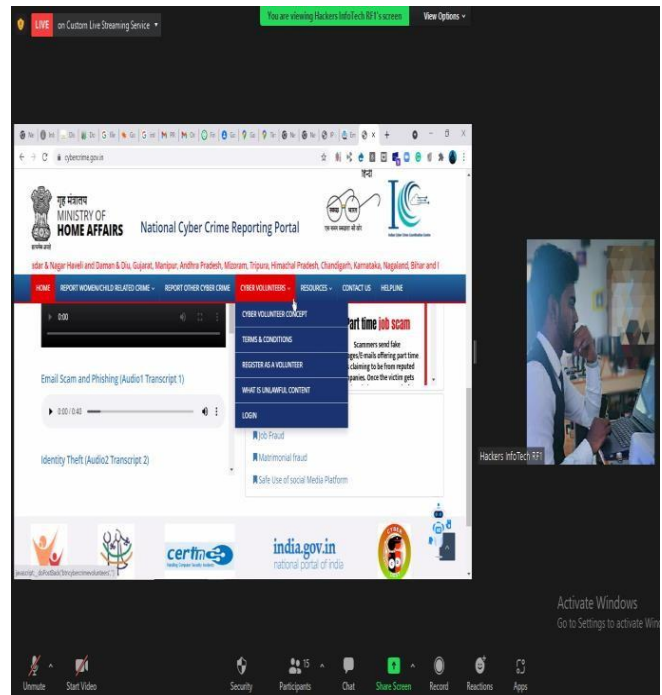
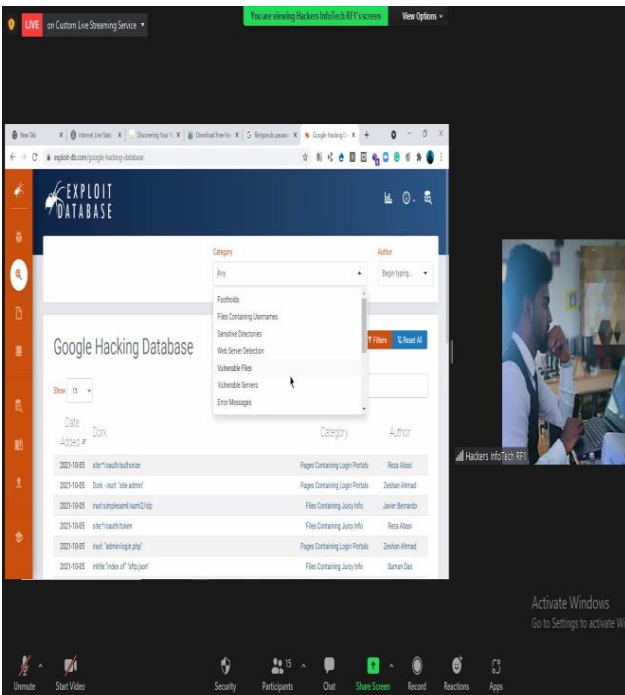
ACADEMIA- INDUSTRYINTERFACEPROGRAMME



Biochemistry- How it will help in FMCG industry & Pharma job sectors on 22.11.2021
Resource Person:
Mr. Rajiv Rathinam
 Zonal Sales Manager, Hindustan Unilever Ltd., Chennai



Characterization of Biosimilars using Mass Spectrometry on 1.11.2022
Resource Person: Dr. Jayaprakash Natarajan
 Senior Scientist, Analytical Development
 Stelis Biopharma Pvt. Ltd., Bangalore



“Cyber Security–Information Security: Trends and Predictions” on 6.10.2021
Resource Person: Mr. Chandra Prakash Sankar, Founder and CEO, Hackers Infotech, Tirupur

HANDS-ON WORKSHOP (2019-2020)



OS and Linux Administration

(04.12.2019–06.12.2019)



One Day Workshop on “Soil Testing”
(24.09.2019)

HANDS ON WORKSHOP (2020-2021)



Workshop on ‘Smart Phone Servicing’
and
(09.03.2021&10.03.2021)



Workshop on ‘Digital Storage Oscilloscope
Applications’ (20.03.2021)

EXTENSION ACTIVITIES



Public awareness program on Breast Cancer Women in Nasiyanur Panchayat Village on 25.10.2021



Teaching by Taught – To Infuse Science Temperament among Orphanage Students- 3.11.2021

INDUSTRIAL VISIT



Visvesvaraya Industrial and Technological Museum (22.08.2019)



Indian Institute of Astrophysics (21.02.2020)



Fluid Control Research Institute (FCRI), Palakad (24.08.2019)



Pasteur Institute of India, Conoor (03.02.2020)

NETWORKING WITH NEIGHBORING INSTITUTIONS AND OTHER LABORATORIES



Knowledge Sharing Programme with Sri Ramakrishna Mission Vidyalaya College of Arts and Science, Coimbatore 09.03.2022 to 11.03.2022 Subject: Internet of Things

SNIPPETS

COIMBATORE THE HINDU
 THURSDAY, MARCH 28, 2019

Kongu College's science departments selected under 'Star College' scheme

To receive ₹ 1.04 crore grant to promote science discipline

**STAFF REPORTER
ERODE**

The science departments of the Kongu Arts and Science College have been selected under the "Star College" scheme of the Ministry of Science and Technology, Government of India. The departments would receive ₹ 1.04 crore grant for promoting the undergraduate science discipline.

Science teaching
The scheme, initiated by the Department of Biotechnology, is to promote colleges and university departments offering undergraduate education to improve science teaching with the support of laboratories, library, teaching aids, networking with neighbouring institutes, hands-on training and minor research projects to the students.

The Departments of Biochemistry, Biotechnology, Mathematics, Computer Science and Physics have been selected under the scheme.

Fund
A press release from the institution said that it was the first college in the district to be selected under the scheme.

The selected departments will be given ₹ 68 lakh in the first year, ₹ 18 lakh in the second year and another ₹ 18 lakh in the third year for purchasing equipment and to meet out recurring expenses.

The release added that the college had received the first year's grant of ₹ 68 lakh recently and work has begun to utilise the funds.

College Correspondent A.K. Ilango appreciated the head of the departments and the faculty for their efforts in getting selected under the scheme.

சிமெண்ட் தளம் அமைப்ப விவசாயத்திற்கு பேருதவி கொண்டனர்

ஈரோடு கொங்கு கலை அறிவியல் கல்லூரி சார்பில் தேசிய அறிவியல் தின விழா



ஈரோடு, மார்ச் 11- கொங்கு கலை மற்றும் அறிவியல் கல்லூரியின் மத்திய அறையில் உயிர் தொழில் அட்ப்பத்துறை நட்சத்திர கல் லூரி திட்டத்தின் கீழ் தேசிய அறிவியல் தினம் கொண்டாடப்பட்டது. இந்திகழ்வினை முன் னிட்டு மாணவ மாணவியர்களுக்கு பல்வேறு போட்டிகள் நடத்தப்பட்டன. போட்டியில் வெற்றி பெற்ற மாணவர்களுக்கு நிகழ்ச்சியின் போது பரிசுகள் வழங்கப்பட்டன. மேலும் கொரோனா காலகட்டத்தில் சமூக பணி ஆற்றியவர்க ளுக்கு விருதுகள் வழங்கப் பட்டன. இந்திகழ்வில் கல் லூரியின் முதல்வர் முனை வர் என் ராமன் தலைமை யேற்று பரிகளில் வழங்கினார். மேலும் துறைத்தலை வர்கள் உதவிப் பேராசிரியர்கள் மாணவ மாணவியர்கள் கலந்து கொண்டனர்.

கொங்கு கலை அறிவியல் கல்லூரியில் அசோலா வளர்ப்பு பற்றிய செய்முறை பயிலவங்கம்



ஈரோடு, மார்ச் 28- மத்திய அரசின் உயிர்தொழில்நுட்ப துறையின் நட்சத்திர கல்லூரி திட்டத்தின் கீழ் கொங்கு கலை அறிவியல் கல்லூரி யின் உயிர்தொழில் துறை அசோலா வளர்ப்பு பற்றிய செய் முறை பயிலவங்கத்தை நடத்தியது. இதன் பயிற்சியாளராக எம்.எல். அகர் விஷ்ணின் திறுவனர் மற்றும் தலைவர் விஜயன் கலந்துகொண்டு பயிற்றுவித்தார். தகழ்வில் அசோலாவின் வகைகள், பயன்படுத்தும் முறை, காய்நடை, கறக்கு உணவாகும், வாழிமுறை, அதன் சத்துக்கள், வளரும் விதம், வளர்த்த தேவைப்படும் அடித்தளம், போன்றவற்றை பற்றி மிகத்தெளி வாக எடுத்துரைத்தார். மாணவர்களின் சந்தேகங்களுக்கு தெளி வான விளக்கத்தை, எளிமையாய் புரியும்படி விளக்கினார். மே லும் அதை வளரிக்கும் முறைகள் செய்முறையால் பயிற்று விக்கப்பட்டது. மண்புழு, உரம் தயாரித்தலை துவங்கியதை அடுத்து அசோலா வளர்ப்பு முறையும் துவங்கப்பட்டு விரிவு படுத்தப்படவுள்ளது.

கொங்கு கலை அறிவியல் கல்லூரி கணிதத்துறை சார்பில் காது கேளாதோர் மற்றும் வாய் பேசாதோர் பள்ளிக்கு உதவி



ஈரோடு, பெப் 11 ஈரோடு கொங்கு கலை அறிவியல் கல்லூரியின் கணித துறையின் சார்பில் மத்திய அரசின் உயிர் தொழில் அறியின் கீழ் நட்சத்திர கல்லூரி திட்டத்தின் கீழ் தேசிய அறிவியல் தினம் கொண்டாடப்பட்டது. இந்திகழ்வினை முன் னிட்டு மாணவ மாணவியர்களுக்கு பல்வேறு போட்டிகள் நடத்தப்பட்டன. போட்டியில் வெற்றி பெற்ற மாணவர்களுக்கு நிகழ்ச்சியின் போது பரிசுகள் வழங்கப்பட்டன. மேலும் கொரோனா காலகட்டத்தில் சமூக பணி ஆற்றியவர்க ளுக்கு விருதுகள் வழங்கப் பட்டன. இந்திகழ்வில் கல் லூரியின் முதல்வர் முனை வர் என் ராமன் தலைமை யேற்று பரிகளில் வழங்கினார். மேலும் துறைத்தலை வர்கள் உதவிப் பேராசிரியர்கள் மாணவ மாணவியர்கள் கலந்து கொண்டனர்.



(Left) A student with his innovation - Raptor glider; (Right) Vijayasankar and Vikash with their exhibit - navigation shoe and helmet for visually impaired | EXPRESS



Kids innovate kits to help visually impaired

EXPRESS NEWS SERVICE @ Erode

WHILE many students came out with their innovations at the State level science expo for school students held at the Kongu Arts and Science College on Tuesday, two students thought out-of-the-box and brought shoe and helmet for navigation, which would benefit the visually impaired. Their innovations saw a great attraction.

The exhibition was arranged under the funding of the department of biotechnology (DBT) of the centre which offered ₹1.4 crore to the college under its star college scheme. Over 85 exhibits were kept in the science fest for which the response from the private college was much good than the government schools. Among various exhibits, the following 3 were adjudged best:

Out-of-the-box idea

The items used for the navigators are mere leather shoes and ordinary helmets worn by the construction workers. However, those are attached with ultrasonic sensors and batteries, would vibrate if a visually impaired go near steps, pits, speed breakers or stones. Similarly, the helmet would vibrate if any vehicle, person, animal come nearby the person from any direction. Both the kits would help them to cross the road. Normally, the sensors vibrate only if anything comes at a distance of 1 metre. It would help them to move without others help. The cost of both the kits could be ₹3,000, said the innovators - Vijayasankar and Vikash, studying class X in Indi-



Navigation shoe and helmet for visually impaired | EXPRESS

an Public School in the district.

Raptor glider

The prototype of a raptor glider made by the students could be used to fly at a high and low speed with or without people in it. The innovator of the prototype - G Arun of the class XI studying in Diamond Jubilee HSS in the Gobi said that it can be parked in the airports and used to carry water to extinguish forest fires and fire at high rise buildings. Talking about war fields, he said that the aircraft can be used during wars to dump bombs and airlift people during floods and earth quake. He created a model glider by using the insulation on the copper wires. The cost of it is around ₹20,000 and the weight is 750 grams.

Low-cost incubator

Normally incubators would cost around ₹3,000 with a capacity of hatching four to five eggs. Whereas, this low-cost incubator would hatch 20 eggs and cost just ₹2,000. College authorities AK Ilango, Dr N Raman, Dr AK Vidya distributed prizes to the students who displayed their best exhibits.

Kongu Arts and Science College (Autonomous)



Funded by Department of Biotechnology, Govt. of India, New Delhi, Kongu Arts and Science College (Autonomous), Department of Computer Science (UG) has organized Hands on Workshop on "OS and Linux Administration" for first year computer science (UG) students from 04.12.2019 to 06.12.2019 at Computer Lab I, Mr. K.R.Prasanna Kumar, Mr.H.Muthu Krishnan and Mr.A.Jeevanantham, Assistant Professors Kongu Engineering College, Perundurai has conducted the workshop on OS and Linux Administration. 180 students took part in this special activity programme.

ஈரோடு கொங்கு கலை அறிவியல் கல்லூரியில் விரிவுரை நிகழ்ச்சி



ஈரோடு ஜூலை 26 ஈரோடு கொங்கு கலை அறிவியல் கல்லூரியில் உயிர் வேதியியல் மருத்துவ உயிர் வேதியியல் தொடர்பான விரிவுரை நிகழ்ச்சி தொடங்கியது.

வருகை புரிந்து கொடுத்தார் கல்விரலில் டைட்டிக் ஆக்ஸைட்டின் நற்பயன்களையும் அறி கமானால் வரும் வினைவுக ளையும்.

பாண சந்தேகங்களுக்கும் வெ ளிநாட்டில் உயிர்வேதியியல் துறைக்கான மேற்கல்வி மற் றும் வேலைவாய்ப்பு தொடர்பான சந்தேகங்களுக் கும் முனைவர் ஜெகதீசன் மிகச் சிறப்பாகவும் பதிவளித்தார் வெளி நாட்டில் மேற்படிப்பினைத் தொடரவும் ஆராய்ச்சி மேற் கொள்ளவும் விரும்பும் மாணவர்களுக்கு பல்வேறு வழிமுறைகளை தெரிந்து கொள்ளும் வாய்ப்பாக இவ் விரிவுரை அமைக்கப்பட்டது.

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SCHEME BENEFICIARIES

Beneficiaries	KASC	Other Institutions	Total	Grand Total
Students	6274	4722	10996	17,161
Faculty Members	1519	3251	4770	
School & Public	1395		1395	

NO. OF STUDENTS OPTING FOR PG PROGRAMMES

Total No. of Students who have studied during the scheme period	No. of Students opting for PG Programmes	Percentage of students opting for PG
1384	824	60 %

AWARDS AND ACCOLADES

- Our student has cleared IIT JAM Examination in the year 2019
- Received Appreciation from Honourable Union Minister for Health & Family Welfare, Science & Technology, Dr. Harsh Vardhan, for our participation in the Nationwide IndiGen (Indian Genome Initiative) Research Programme, an initiative of CSIR-IGIB, Delhi and CSIR-CCMB, Hyderabad for genome sequencing Project across the country.
- Conversion of student Project into Patent (Australian Innovation Patent-AU2021106372A4 dated 02.12.2021) on Moringa oleifera gum-based Biopolymer composition and a method to synthesize the biopolymer.
- Our students of Biochemistry Department received special appreciation from Manav- An Human Atlas initiative, a Scheme of DBT, Govt. of India for being among the top scoring students in the Quiz series held during April-May 2020.
- K. Harish Kumar, III year B.Sc Mathematics Student invented an economic Anti -theft Alarm which received a wide appreciation from the Public, Media and Ministers

- A Student from the Department of Biochemistry secured FIRST PRIZE for Paper Presentation for her UG Project entitled 'Biosorption of Reactive Dyes by Green Synthesis of Nano Composite Using Leaf Extracts' in the National Conference 'e-CONCEPT2021' organised by Kongu Engineering College, Erode . The Research paper was published in Scopus indexed journal.
- IISER, Pune recognised our College as one among the select Colleges in the Country for the MANAV – HUMAN ATLAS INITIATIVE - BETA TESTING WORKSHOP funded by DBT, Govt. of India, and our Faculty and Students received special appreciation for their participation as Biocurators held during September – October 2020